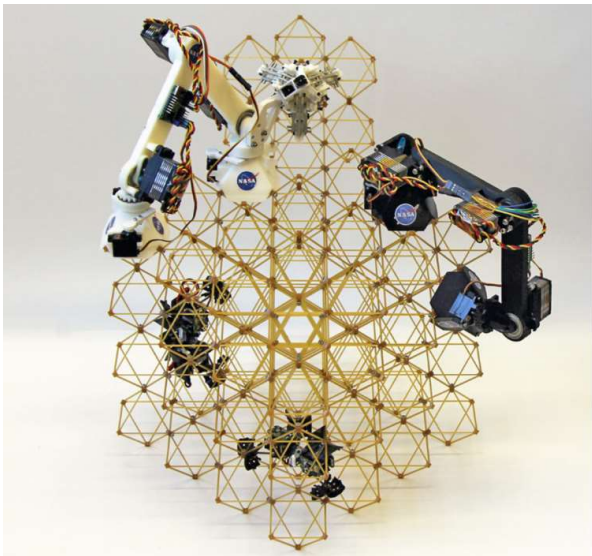
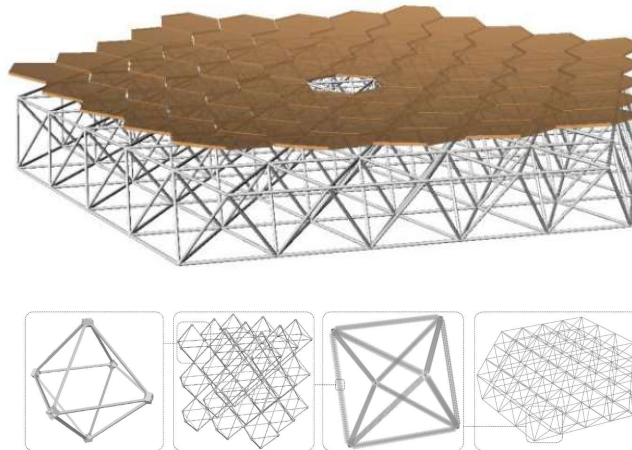


Automated Reconfigurable Mission Adaptive Digital Assembly Systems (ARMADAS): Cost-effective Large-Scale Instrumentation for Planetary Science

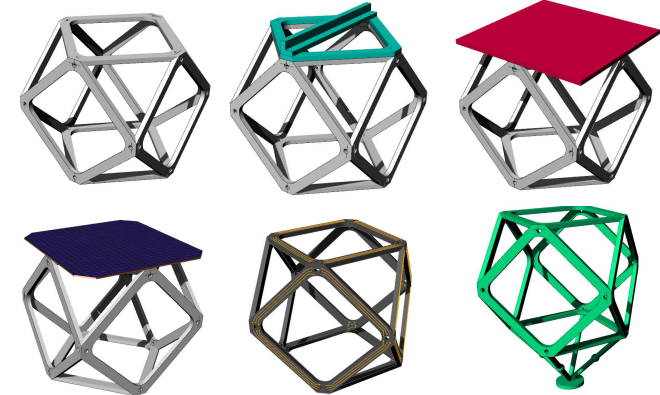
Autonomous assembly of high-performance structures via low-cost robots



Building-block structural approach
enables high-level autonomy and
simple robots



Instrumentation + infrastructure
(solar) sizes beyond current launch
shroud capabilities



Reduce cost and just-in-time deployment via
in-space assembly of general parts and
upgradable instrumentation

Technology Development Status: Demonstrated autonomous assembly of large number of units in earth gravity environment

POC: Christine Gregg, christine.e.gregg@gmail.com

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